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	Filing Date		2007-04-06	
	First Named Inventor	Drew M. Pardoll		
	Art Unit	N/A		
	Examiner Name	Not Yet Assigned		
Attorney Docket Number		62763(71699)		

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1	TSENG, S Y. et al. "B7-DC, a new dendritic cell molecule with potent costimulatory properties for T cells." J Exp Med 2001 Apr 2;193(7):839-46.	<input type="checkbox"/>
2	ZUFFEREY, R. et al. "Self-inactivating lentivirus vector for safe and efficient in vivo gene delivery." J Virol. 72, 9873-80 (1998).	<input type="checkbox"/>
3	BORGES, L. et al. "Synergistic action of fms-like tyrosine kinase 3 ligand and CD40 ligand in the induction of dendritic cells and generation of antitumor immunity in vivo." J Immunol. 1999 Aug 1;163(3):1289-97.	<input type="checkbox"/>
4	MARSHALL, J.L. et al. "Phase I study in advanced cancer patients of a diversified prime-and-boost vaccination protocol using recombinant vaccinia virus and recombinant nonreplicating avipox virus to elicit anti-carcinoembryonic antigen immune responses." J Clin Oncol. 2000 Dec 1;18(23):3964-73.	<input type="checkbox"/>
5	MORSE, M.A. et al. "Immunotherapy with autologous, human dendritic cells transfected with carcinoembryonic antigen mRNA." Cancer Invest. 2003 Jun;21(3):341-9.	<input type="checkbox"/>
6	RIDGWAY, D. "The first 1000 dendritic cell vaccinees." Cancer Invest. 2003;21(6):873-86.	<input type="checkbox"/>
7	LEVERKUS, M. et al. "Maturation of dendritic cells leads to up-regulation of cellular FLICE-inhibitory protein and concomitant down-regulation of death ligand-mediated apoptosis." Blood. 2000 Oct 1;96(7):2628-31.	<input type="checkbox"/>
8	McLELLAN, A. et al. "MHC class II and CD40 play opposing roles in dendritic cell survival." Eur J Immunol. 2000 Sep;30(9):2612-9.	<input type="checkbox"/>
9	WONG, B.R. et al. "TRANCE (tumor necrosis factor [TNF]-related activation-induced cytokine), a new TNF family member predominantly expressed in T cells, is a dendritic cell-specific survival factor." J Exp Med. 1997 Dec 15;186(12):2075-80.	<input type="checkbox"/>
10	EGGERT, A.A. et al. "Biodistribution and vaccine efficiency of murine dendritic cells are dependent on the route of administration." Cancer Res. 1999 Jul 15;59(14):3340-3345.	<input type="checkbox"/>
11	CAYEUX, S. et al. "Direct and indirect T cell priming by dendritic cell vaccines." Eur J Immunol. 1999 Jan;29(1):225-234.	<input type="checkbox"/>

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12	HAYAKAWA, Y. et al. "NK cell TRAIL eliminates immature dendritic cells in vivo and limits dendritic cell vaccination efficacy." J Immunol. 2004 Jan 1;172(1):123-9.	<input type="checkbox"/>
13	KAMATH, A.T. et al. "Developmental kinetics and lifespan of dendritic cells in mouse lymphoid organs." Blood. 2002 Sep 1;100(5):1734-41.	<input type="checkbox"/>
14	CAMPOREALE, A. et al. "Critical impact of the kinetics of dendritic cells activation on the in vivo induction of tumor-specific T lymphocytes." Cancer Res. 2003 Jul 1;63(13):3688-94.	<input type="checkbox"/>
15	GORSKI, K. et al. "A set of genes selectively expressed in murine dendritic cells: utility of related cis-acting sequences for lentiviral gene transfer." Mol Immunol. 2003 Sep;40(1):35-47.	<input type="checkbox"/>
16	CHENG, L.E. et al. "Functional redundancy of the Nur77 and Nor-1 orphan steroid receptors in T-cell apoptosis." EMBO J. 1997 Apr 15;16(8):1865-75.	<input type="checkbox"/>
17	LIU, Z.G. et al. "Apoptotic signals delivered through the T-cell receptor of a T-cell hybrid require the immediate-early gene nur77." Nature. 1994 Jan 20;367(6460):281-4.	<input type="checkbox"/>
18	KIM, S.O. et al. "Orphan nuclear receptor Nur77 is involved in caspase-independent macrophage cell death." J Exp Med. 2003 Jun 2;197(11):1441-52.	<input type="checkbox"/>
19	KUANG, A.A. et al. "Nur77 transcription activity correlates with its apoptotic function in vivo." Eur J Immunol. 1999 Nov;29(11):3722-8.	<input type="checkbox"/>
20	BRENNER, C. et al. "Mitochondria-the death signal integrators." Science. 289,1150-1 (2000).	<input type="checkbox"/>
21	LI, H. et al. "Cytochrome c release and apoptosis induced by mitochondrial targeting of nuclear orphan receptor TR3." Science. 2000 Aug 18;289(5482):1159-64.	<input type="checkbox"/>
22	NOPORA, A. et al. "Bcl-2 controls dendritic cell longevity in vivo." J Immunol. 169, 30006-14 (2002).	<input type="checkbox"/>

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23	PIRTSKHALAISHVILI, G. et al. "Transduction of dendritic cells with Bcl-xL increases their resistance to prostate cancer-induced apoptosis and antitumor effect in mice." J Immunol. 2000 Aug 15;165(4):1956-64.	<input type="checkbox"/>
24	SOTOMAYOR, E M. et al. "In vivo blockade of CTLA-4 enhances the priming of responsive T cells but fails to prevent the induction of tumor antigen-specific tolerance." Proc Natl Acad Sci U S A. 1999 Sep 28;96(20):11476-81.	<input type="checkbox"/>
25	STAVELEY-O'CARROLL, K. et al. "Induction of antigen-specific T cell anergy: An early event in the course of tumor progression." Proc Natl Acad Sci U S A. 1998 Feb 3;95(3):1178-83.	<input type="checkbox"/>
26	ADLER, A.J. et al. "CD4+ T cell tolerance to parenchymal self-antigens requires presentation by bone marrow-derived antigen-presenting cells." J Exp Med. 1998 May 18;187(10):1555-64.	<input type="checkbox"/>
27	DALYOT-HERMAN, N. et al. "Reversal of CD8+ T cell ignorance and induction of anti-tumor immunity by peptide-pulsed APC." J Immunol. 2000 Dec 15;165(12):6731-7.	<input type="checkbox"/>
28	STROME, S.E. et al. "Strategies for antigen loading of dendritic cells to enhance the antitumor immune response." Cancer Res. 2002 Mar 15;62(6):1884-9.	<input type="checkbox"/>
29	SCHNURR, M. et al. "Apoptotic pancreatic tumor cells are superior to cell lysates in promoting cross-priming of cytotoxic T cells and activate NK and gammadelta T cells." Cancer Res. 2002 Apr 15;62(8):2347-52.	<input type="checkbox"/>
30	LAMBERT, L.A. et al. "Equipotent generation of protective antitumor immunity by various methods of dendritic cell loading with whole cell tumor antigens." J Immunother. 2001 May-Jun;24(3):232-6.	<input type="checkbox"/>
31	ASAVAROENGCHAI W., et al. "Tumor lysate-pulsed dendritic cells can elicit an effective antitumor immune response during early lymphoid recovery." Proc Natl Acad Sci U S A. (2002) Jan 22;99(2):931-6	<input type="checkbox"/>
32	PARAJULI, P. et al. "Flt3 ligand and granulocyte-macrophage colony-stimulating factor preferentially expand and stimulate different dendritic and T-cell subsets." Exp Hematol. 2001 Oct;29(10):1185-93.	<input type="checkbox"/>
33	FONG, L. et al. "Altered peptide ligand vaccination with Flt3 ligand expanded dendritic cells for tumor immunotherapy." Proc Natl Acad Sci U S A. 2001 Jul 17;98(15):8809-14.	<input type="checkbox"/>

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34	GILLIET, M. et al. "The development of murine plasmacytoid dendritic cell precursors is differentially regulated by FLT3-ligand and granulocyte/macrophage colony-stimulating factor." J Exp Med. 2002 Apr 1;195(7):953-8.	<input type="checkbox"/>
35	DIEHL, L. et al. "CD40 activation in vivo overcomes peptide-induced peripheral cytotoxic T-lymphocyte tolerance and augments anti-tumor vaccine efficacy." Nat Med. 1999 Jul;5(7):774-9.	<input type="checkbox"/>
36	SOTOMAYOR, E.M. et al. "Conversion of tumor-specific CD4+ T-cell tolerance to T-cell priming through in vivo ligation of CD40." Nat Med. 1999 Jul;5(7):780-7.	<input type="checkbox"/>
37	CUI, Y. et al. "Immunotherapy of established tumors using bone marrow transplantation with antigen gene-modified hematopoietic stem cells." Nat Med. 2003 Jul;9(7):952-8	<input type="checkbox"/>
38	GUERDER, S. et al. "A fail-safe mechanism for maintaining self-tolerance." J Exp Med. 1992 Aug 1;176(2):553-64	<input type="checkbox"/>
39	SPARWASSER, T. et al. "Bacterial DNS and immunostimulatory CpG oligonucleotides trigger maturation and activation of murine dendritic cells." Eur J Immunol. 28, 2045-54 (1998)	<input type="checkbox"/>
40	BAUER, M. et al. "Bacterial CpG-DNA triggers activation and maturation of human CD11c-, CD123+ dendritic cells." J Immunol. 2001 Apr 15;166(8):5000-7.	<input type="checkbox"/>
41	KADOWAKI, N. et al. "Distinct CpG DNA and polyinosinic-polycytidylic acid double-stranded RNA, respectively, stimulate CD11c- type 2 dendritic cell precursors and CD11c+ dendritic cells to produce type I IFN." Immunol. 2001 Feb 15;166(4):2291-5.	<input type="checkbox"/>
42	PARK, Y. et al. "Cutting Edge: CpG DNA inhibits dendritic cell apoptosis by up-regulating cellular inhibitor of apoptosis proteins through the phosphatidylinositolide-3'-OH kinase pathway." J Immunol. 2002 Jan 1;168(1):5-8.	<input type="checkbox"/>
43	MERAD, M. et al. "In vivo manipulation of dendritic cells to induce therapeutic immunity." Blood. 2002 Mar 1;99(5):1676-82	<input type="checkbox"/>
44	DOXSEE, C. et al. "The immune response modifier and Toll-like receptor 7 agonist S-27609 selectively induces IL-12 and TNF-alpha production in CD11c+CD11b+CD8- dendritic cells." J Immunol. 2003 Aug 1;171(3):1156-63	<input type="checkbox"/>

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45	GIBSON, S.J. et al. "Plasmacytoid dendritic cells produce cytokines and mature in response to the TLR7 agonists, imiquimod and resiquimod." Cell Immunol. 2002 Jul-Aug;218(1-2):74-86.	<input type="checkbox"/>
46	NAKANO, H. et al. "CD11c(+)B220(+)Gr-1(+) cells in mouse lymph nodes and spleen display characteristics of plasmacytoid dendritic cells." J Exp Med. 2001 Oct 15;194(8):1171-8.	<input type="checkbox"/>
47	SHEN, Z. et al. "Cloned dendritic cells can present exogenous antigens on both MHC class I and class II molecules." J Immunol. 1997 Mar 15;158(6):2723-30.	<input type="checkbox"/>
48	LANGENKAMP, A. et al. "Kinetics of dendritic cell activation: impact on priming of TH1, TH2 and nonpolarized T cells." Nat Immunol. 2000 Oct;1(4):311-6.	<input type="checkbox"/>
49	MATZINGER, P. et al. "The JAM test. A simple assay for DNA fragmentation and cell death." J Immunol Methods. 1991 Dec 15;145(1-2):185-92.	<input type="checkbox"/>
50	BORRELLO, I. et al. "Sustaining the graft-versus-tumor effect through posttransplant immunization with granulocyte-macrophage colony-stimulating factor (GM-CSF)-producing tumor vaccines." Blood. 2000 May 15;95(10):3011-9.	<input type="checkbox"/>

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